

CLAIMS

What is claimed:

- 5 1. A dual data connector to enable a digital apparatus to be connected to at least one host apparatus, the dual connector comprising a first connecting part of a first interface of a digital apparatus for operative connection with a corresponding second connecting part of the first interface of a host apparatus; and a third connecting part of a second interface of the digital apparatus for operative connection with a corresponding fourth connecting part of the second interface of the host apparatus; the first connecting part being electrically in parallel with the third connecting part, such that if the host apparatus has only one of the first interface and the second interface, the relevant one of the first connecting part and the third connecting part can be used to enable data transfer to take place between the digital apparatus and the host apparatus.
- 10 2. A dual data connector as claimed in claim 1, wherein if the host apparatus has the first interface and the second interface, at any one time data is able to be transferred between the appliance and the apparatus using only one of: the first connecting part and the second connecting part and the third connecting and the fourth connecting part.
- 20 3. A dual data connector as claimed in claim 1, wherein the first connecting part is a female connector, the third connecting part is a male connector.
- 25 4. A dual data connector as claimed in claim 1, wherein the first connecting part is a male connector, and the third connecting part is a female connector.
- 30 5. A dual data connector as claimed in claim 1, wherein the first interface and the second interface are each selected from the group consisting of: Smartmedia, multi media card, secure digital, compact flash, USB, IEEE 1394, NAND flash interface, AND flash interface, serial protocol interface, integrated device electronics interface, serial peripherals interface, intra-integrated circuit interface, xD-Picture interface, and Memory Stick.

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6. A dual data connector as claimed in claim 1, further including a data storage memory operatively connected to the first connecting part and the third connecting part.
- 5 7. A dual data connector as claimed in claim 6, wherein there is provided a first digital interface between the data storage memory and the first connecting part.
8. A dual data connector as claimed in claim 6, further including a second digital interface between the digital data memory and the third connecting part.
- 10 9. A dual data connector as claimed in claim 1, wherein when the first interface and second interface are able to be used, a power connection of the third connecting part and fourth connecting part is able to be used to provide electrical power to the digital apparatus from the host apparatus.
- 15 10. A dual data connector as claimed in claim 1, wherein the digital apparatus is a portable data storage device.
- 20 11. A dual data connector as claimed in claim 10, further including a data storage memory operatively connected to the first connecting part and the third connecting part, a first digital interface between the data storage memory and the first connecting part, and a second digital interface between the digital data memory and the third connecting part; the first connecting part being a female connector, and the third connecting part being a male connector.
- 25 12. Digital apparatus including a dual data connector as claimed in claim 1.
13. Digital apparatus including a dual data connector as claimed in claim 11.
- 30 14. Digital apparatus as claimed in claim 13, wherein the digital apparatus is a portable digital data storage device.
- 35 15. An adapter for a digital apparatus, the adapter having a first port of a first interface for operative connection with a first connector of a first digital apparatus; the adapter having a second connector of a second interface for connecting with a

corresponding second port of a second digital apparatus; the first port being operatively connected to the second connector within the adapter.

- 5 16. An adapter as claimed in claim 15, wherein the first port and the second connector are each selected from the group consisting of: Smart media, Multimedia Card, secure digital, compact flash, USB, IEEE 1394, NAND flash interface, AND flash interface, serial protocol interface, integrated device electronics interface, serial peripherals interface, intra-integrated circuit interface, xD-Picture interface, and Memory Stick; the first port and the second connector being different.
- 10 17. An adapter as claimed in claim 16, wherein the first digital apparatus is a portable digital data memory device, and the second digital apparatus is a host apparatus.
- 15 18. A portable digital data storage device having a first connecting part of a first interface of a digital apparatus for operative connection with a corresponding second connecting part of the first interface of a host apparatus; and a third connecting part of a second interface of the digital apparatus for operative connection with a corresponding fourth connecting part of the second interface of the host apparatus; the first connecting part being electrically in parallel with the third connecting part; the first connecting part and the third connecting part being spaced from each other such one of the first and third connecting parts does not interfere with the use of the other of the first and third connecting parts.
- 20 19. A portable digital data storage device as claimed in claim 18, wherein the first connecting part is a female connector, the third connecting part is a male connector.
- 25 20. A portable digital data storage device as claimed in claim 18, wherein the first connecting part is a male connector, and the third connecting part is a female connector.
- 30 21. A portable digital data storage device as claimed in claim 18, wherein the first interface and the second interface are each selected from the group consisting of: Smartmedia, multi media card, secure digital , compact flash, USB, IEEE 1394, NAND flash interface, AND flash interface, serial protocol interface, integrated

device electronics interface, serial peripherals interface, intra-integrated circuit interface, xD-Picture interface, and Memory Stick.

- 5 22. A portable digital data storage device claimed in claim 18, further including a data storage memory operatively connected to the first connecting part and the third connecting part.
- 10 23. A portable digital data storage device as claimed in claim 22, wherein there is provided a first digital interface between the data storage memory and the first connecting part.
- 15 24. A portable digital data storage device as claimed in claim 18, further including a data storage memory operatively connected to the first connecting part and the third connecting part, a first digital interface between the data storage memory and the first connecting part, and a second digital interface between the digital data memory and the third connecting part; the first connecting part being a female connector, and the third connecting part being a male connector.

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